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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>Total Number of Pages in This Submission</b>	<b>Application Number</b>	09/897,318
	<b>Filing Date</b>	July 2, 2001
	<b>First Named Inventor</b>	Giorgio Trapani
	<b>Group Art Unit</b>	2871
	<b>Examiner Name</b>	James A. Dudek
	<b>Attorney Docket Number</b>	M0023/7003

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form  <input checked="" type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input checked="" type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Check postcard Comments on Statement of Reasons for Allowance Letter to Official Draftsperson
<b>Remarks</b>		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

<b>Firm or Individual name</b>	Jeffrey L. Snow
<b>Signature</b>	
<b>Date</b>	June 9, 2003

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<b>Typed or printed name</b>	Kathryn E. Noll		
<b>Signature</b>		<b>Date</b>	<u>June 9, 2003</u>

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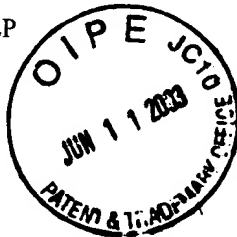
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022832 7590 03/14/2003

KIRKPATRICK & LOCKHART LLP  
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 BOSTON, MA 02109-1808



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Kathryn E. Noll	(Depositor's name)
Kathryn E. Noll	(Signature)
June 9, 2003	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/897,318	07/02/2001	Giorgio Trapani	M0023/7003	1731

TITLE OF INVENTION: POLARIZERS FOR USE WITH LIQUID CRYSTAL DISPLAYS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$300	\$1600	06/16/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
DUDEK, JAMES A	2871	349-096000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Kirkpatrick & Lockhart LLP

2 \_\_\_\_\_  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

3M Innovative Properties Company

St. Paul, Minnesota

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☒ corporation or other private group entity ☐ government

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(Authorized Signature)

*Jeffrey L. Snow* (Date) June 9, 2003  
 39,037

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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 01 F01504 02 F02001



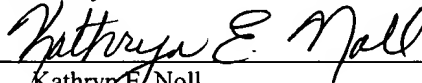
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Giorgio Trapani et al.  
SERIAL NO.: 09/897,318  
FILED: July 2, 2001  
FOR: POLARIZERS FOR USE WITH LIQUID CRYSTAL DISPLAYS

EXAMINER: J. Dudek  
ART UNIT: 2871  
CONF. NO.: 1731

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Kathryn E. Noll

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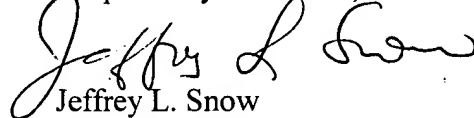
COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Sir:

In response to the Notice of Allowance and Notice of Allowability, the following comments on the statement of reasons for allowance are provided.

The Examiner states that the prior art teaches a polarizer having a water vapor transmission rate of 4. g/100in<sup>2</sup>/24 hrs without any protective film and that it would have been obvious to combine this polarizer with any LCD. However, the prior art cited by the Examiner, U.S. Patent No. 4,416,946, discloses a light polarizing film having a fluorocarbon film as the substrate. The fluorocarbon substrate film, not the polarizing film, is described as having moisture vapor barrier properties. The actual moisture vapor transmission rate stated in U.S. Patent No. 4,416,946 for the fluorocarbon film is less than 0.2 g/100in<sup>2</sup>/24 hrs (Col. 2, line 57). Therefore, the prior art fails to teach a polarizer lacking a protective coating thereon and providing a moisture vapor transmission rate of less than about 4.6 gm/m<sup>2</sup>/day and an oxygen transmission rate of less than about 0.005 ml/m<sup>2</sup>/day to a liquid crystal display structure.

Respectfully submitted,



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DATE: June 9, 2003